

## **REMARKS**

This application has been reviewed in light of the Final Office Action mailed May 4, 2005. Reconsideration of this application in view of the below remarks is respectfully requested. Claims 1 – 23 are pending in the application with Claims 1, 11, 15, 18, 22 and 23 being in independent form. Claims 15 – 21 have been previously withdrawn. By the present amendment, Claim 1 has been amended and Claims 22 and 23 have been newly added. No new matter or issues have been introduced by way of the present amendment.

Initially, Applicants thank the Examiner for indicating that Claims 12 – 14 contain allowable subject matter, which would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims, based on the configuration as recited in Claim 1. Accordingly, Claim 1 has been amended by the present amendment to include the limitations recited in Claim 12. In addition, Claims 22 and 23, which recite the combined limitations of Claims 1 and 13, and Claims 1 and 14, respectively, have been newly added. As amended, Claim 1 and newly added Claims 22 and 23 are merely combinations of previously submitted claims, no new matter has been introduced. Antecedent support for the new and amended claims is found in paragraph 0019 – 0022 of the specification.

### **I. Rejection of Claims 1 – 10 Under 35 U.S.C. §102(e)**

Claims 1 – 10 have been rejected under 35 U.S.C. §102(e) for allegedly being anticipated by U.S. Patent No. 6,867,822 issued to Kim et al. (hereinafter “Kim et al.”).

Claim 1 has been amended to recite in part: “...wherein in each of said pixel regions, said transparent electrode film is extended to said reflective film in a manner to cover at least one part of said reflective film, said first gap and said second gap being approximately equal when said twisted angle is about 72°.” (Emphasis added). The newly added limitation to Claim 1 is similar

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to the allowable subject matter of Claim 12. Therefore, amended Claim 1 is believed patentably distinct and allowable over the prior art, as Kim et al. does not anticipate Applicants' claimed first gap and second gap being approximately equal when the twisted angle is about 72°.

Accordingly, Applicants respectfully request withdrawal of the rejection with respect to Claim 1 under 35 U.S.C. §102(e) over Kim et al.

Claims 2 – 10 depend from independent Claim 1 and thus are limited by the limitations recited by that independent claim. Therefore, for at least the reasons given above, claims 2 – 10 are believed patentably distinct over Kim et al. Accordingly, Applicants respectfully request withdrawal of the rejection with respect to Claims 2 – 10 under 35 U.S.C. §102(e) over Kim et al.

## **II. Rejection of Claims 11 Under 35 U.S.C. §103(a)**

Claim 11 has been rejected under 35 U.S.C. §103(a) for allegedly being unpatentable over Kim et al. in view of U.S. Patent No. 6,657,689 issued to Heum-II Baek (hereinafter "Baek"). Applicants respectfully traverse the rejection with respect to Claim 11.

Neither Kim et al. nor Baek teach having a first gap and a second gap calibrated to maximize the reflectance or transmittance of white display based on a twisted angle of the liquid crystal layer. Kim et al. does not disclose having multiple gap thickness. On the other hand, Baek does disclose multiple gap thickness values, one for reflective regions and one for transmissive regions of an LCD display.

However, Baek fails to disclose or suggest basing the selected gap thickness values on the twisted angle of the liquid crystal layer used in the display as recited by Applicants' Claim 11. Baek only bases the gap thickness values on the phase differences of the reflective regions ( $\gamma$ ) and the transmissive regions ( $\omega$ ). (See Baek: col. 13, lines 17 – 31). Therefore, Kim et al. and

Baek, taken alone or in any proper combination, fail to disclose or suggest all the limitations of independent claim 11. Accordingly, Applicants respectfully request withdrawal of the rejection with respect to Claim 11 under 35 U.S.C. §103(a) over Kim et al. in view of Baek.

### CONCLUSIONS

In view of the foregoing amendments and remarks, it is respectfully submitted that all claims presently pending in the application, namely, Claims 1 – 14, 22 and 23 are believed to be in condition for allowance and patentably distinguishable over the art of record.

If the Examiner should have any questions concerning this communication or feels that an interview would be helpful, the Examiner is requested to call Applicant's undersigned attorney at the number indicated below.

Respectfully submitted,



Paul J. Esatto, Jr.

Registration No. 30,749

SCULLY, SCOTT, MURPHY & PRESSER  
400 Garden City Plaza - Ste. 300  
Garden City, New York 11530  
(516) 742-4343

PJE:DAT:jam